

09/825,820

MS150904.01/MSFTP161US

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended): A system for ranking items in a selectable information list received from an information delivery system, comprising;

a database system that logs selections of information viewed by a user of the information delivery system and logs temporal history related to a plurality of time subintervals that correspond ~~corresponding~~ to the viewing of the selected information;

and

a collaborative filtering system that employs the logged temporal history and disparate logged temporal history corresponding to the viewing of the selected information from a plurality of disparate database systems to generate a recommendation specific to the user based at least in part on information obtained from a plurality of users related to a particular one of the plurality of time subintervals.

2. (Currently amended): The system of claim 1, ~~wherein~~ a selection is logged if the selection is viewed for a dwell time that exceeds a predetermined threshold.

3. (Currently amended): The system of claim 2, ~~wherein~~ the collaborative filtering system assigns a positive vote to logged selections that are viewed for a dwell time that exceeds a predetermined threshold.

4. (Currently amended): The system of claim 1, ~~wherein~~ a selection is logged if the selection is briefly viewed and jumped away to another selection.

09/825,820

MS150904.01/MSFTP161US

5. (Currently amended): The system of claim 4, wherein the collaborative filtering system assigns a negative vote to logged selections that are viewed briefly and jumped away to another selection.
6. (Currently amended): The system of claim 1, the viewed information is time stamped by event type and the collaborative filtering system is based on a single collaborative filtering model that is adapted to be trained according to time intervals that the information has been viewed.
7. (Previously presented): The system of claim 1, the collaborative filtering system is based on a plurality of separate collaborative filtering models, each collaborative filtering model is trained with the information from a particular time interval of temporal history that has been viewed.
8. (Cancelled).
9. (Previously presented): The system of claim 1, the collaborative filtering system provides in real-time a selectable recommendation list ordered by estimated degree of preference that a user has for each item.
10. (Previously presented): The system of claim 9, the collaborative filtering system receives attributes of at least one user of the system and utilizes these attributes in providing the selectable recommendation list.
11. (Previously presented): The system of claim 10, the collaborative filtering system receives attributes of other systems and utilizes these attributes in providing a globally ranked recommendation list to a cluster of systems based on the temporal viewing history of the systems of the cluster.
12. (Previously presented): The system of claim 9, the collaborative filtering system receives a previously viewed item list that has been filtered by a filtering system and

09/825,820

MS150904.01/MSFTP161US

generates a new recommendation according to the preferences provided by the filtered previously viewed item list.

13. (Original): The system of claim 12, the filtering system comprising at least one of a live show selection filter, a time period filter and a popularity filter, a pattern search engine and an adding items of interest and update component.

14. (Currently amended): The system of claim 1, further comprising a user interface that allows ~~operable to allow~~ a user to provide at least one filter to a reviewed items list.

15. (Previously presented): The system of claim 14, the user interface allows a user to request a time period for reviewing information from the selectable recommendation list wherein the collaborative filtering system supplies the selections for the time period requested based on the temporal history of selections within a similar time interval covering the time period.

16. (Previously presented): The system of claim 14, the user interface receives a reviewed items list, allows a user to modify the reviewed items list, and inputs the modified reviewed items list as updated preferences into the collaborative filtering system, such that a new recommendation list can be generated based on the updated preferences.

17. (Original): The system of claim 1, the information being multimedia.

18. (Currently amended): A multimedia system that ranks programs in an electronic program guide list received from a program delivery system, comprising;

a database system that logs selections of programs viewed by a user utilizing a program delivery system and logs temporal history that includes a plurality of time subintervals that correspond ~~corresponding~~ to the viewing of the selected programs; and

a collaborative filtering system that employs the logged temporal history from the database system and different logged temporal history ~~corresponding to the viewing of~~

09/825,820

MS150904.01/MSFTP161US

~~the selected programs~~ from a plurality of database systems associated with disparate users
to produce a user specific recommendation based at least in part on information
associated with a plurality of users related to a particular one of the plurality of time
subintervals.

19-31. (Cancelled).

32. (Original): The system of claim 18, the multimedia system residing on a remote server coupled to at least one set top box wherein recommendations are generated by the server and transmitted to the set top box.

33. (Currently amended): The system of claim 32, the set top box having an electronic program guide system that receives and displays ~~adapted to receive and display~~ the recommendations to a user.

34. (Previously presented): The system of claim 32, the remote server further comprising a global inference system that groups multimedia systems into clusters and a set of general recommendations for members of at least one cluster based on the temporal viewing habits of members of the cluster.

35-52. (Cancelled).